IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kwang-hee Lee et al.

Examiner: Thanh Y. Tran Group Art Unit: 2822

Serial No.: 10/801,208

Filed: March 16, 2004

Confirmation No.: 2034

For:

METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES HAVING A

RUTHENIUM LAYER VIA AUTOMATIC LAYER DEPOSITION

Date: June 5, 2006

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO MARCH 17, 2006 OFFICE ACTION

Sir:

Applicants submit the present paper in response to the Office Action mailed March 17, 2006.

It is not believed that an extension of time and/or additional fee(s) -- including fees for net addition of claims -- are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.